

ĆHEM-NUGŁEAR SYSTEMS INC.

PO Box 726 • Barnwell South Carolina 29812 • (803) 259-1781

STRAIGHT BILL OF LADING — SHORT FORM — ORIGINAL — NOT NEGOTIABLE.
RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of
Ladina

86-28-25

The property described below in apparent good order except as noted (contents and condition of contents of packages unknown). Marked consigned and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination. If on its route to otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination. And as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the uniform domestics, straight bill of lading set forth (1) in official. Southern, Western and Illinois Freight Classifications in effect on the date hereof if this is a rail or a rail water shipment. Or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Tractor No <u>40</u>

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of fading including those on the back thereof set forth in the classification or tariff which governs the transportation of this shipment and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns

(MAIL OR STREET ADDRESS OF CONSIGNEE — FOR PURPOSES OF NOTIFICATION ONLY)

Trailer No 3442

LENGTH

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FROM Um etro Minerals Ca	<i>P.D</i> Da	te 9-19-86	Legal
At Avinera Falls, Nou	York		HEIGHT

At Ninera Falls, Now York

CONSIGNED TO

ENST

Legal

Barnwill Met. Facility, Osbarn Rd., SC, USA

Legal

NO PKGS	НМ	KIND OF PACKAGE, DESCRIPTION OF ARTICLES, LINER NUMBERS, SPECIAL MARKS & EXCEPTIONS	*WEIGHT (Sub to Correction)
20	X	Radionative Muterial LSA n.o.s. UN 2912	13.685
		55. Illon drams containing slag, ore and ferro	•
		alloys mixed with sail I coment.	
		Physical form: Solid. Chemical form: Oxidos.	
		Radionuclides: U2318 Th 232 Total Artivity -	
		2.14 mci. Lobeled "RADIOACTIVE MATERIALILS	9.
		Shipped EXCLUSIVE USE	
		Leane Placarded "RADIOACTIVE"	
		Le. wire seal offixed to Trailer door.	

IMPORTANT. This is to certify that the above named materials are properly classified described packaged marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Received the property described above in good condition, except as otherwise noted

Carrier <u>27237</u>

Driver_____

Date and Time <u>11 1 (2)</u>

Signature VA 1601	6/L	Brilly FUF	
company franties)	A Sect	! Date 9/	Ir/A6
	1		/
		<u> </u>	
DATE	1	TIAAC	

SCHEDULED	DATE	TIME		DATE	TIME	SHIPPER S SIGNATURE
TO ARRIVE	9-19-86	12 = êm	COMPLETED LOADING	9-19-86	12:00 PM	Soule Home.
	DATE	TIME	1	DATE	TIME	SHIPPERISISIGNATURE
ARRIVED AT SHIPPER	9-19-86	830 AM	LEFT SHIPPER	9-19-86	/ "U @M	louke) James

SHIPPER IMPORTANT NOTE Your signature certifies that the above dates and times are correct for record keeping and billing purposes

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL Radioactive Haste Shipment Prior Botification and Manifest Form

[Failure to Complete ALL Entries Will Result in Return of Form and Constitute Moncompliance.]

	See Reverse Side	for Instruction		_
1. Name and Address o Shipp	er/Generator.	2. Person Re	sponsible for Waste Shipmont	-
Umetco Minerals Cor	poration	a) Name:	D. J. Hansen	
137 - 47th St. Niagara Falls, NY]	4303	b) Title:	Consultant	
3. Radioactive Waste Transpor	rt Permit No.	4. Shipment	Identification No.:	-
0226-31-86-X		09-86-	254-A	
5. Location from which waste 137 - 47th St. Niagara Falls, NY 1	will be shipped.	6. Name and Facilit	Address of Consignee Barnwell, Osborn Rd., Barnwell,	ī SC 29812
7. Scheduled Date of Departur	e of Shipment:	8. Estimated	Angle Jones Date of Arrival of Shipment.	-
9/19/86		9/21/		
9. Carrier	10. Trailer No. &	OPPART	11. Type Transport Vehicle:	-
CNSI	(if available) CNSI	Closed Van	
12. Routes shipment will foll				-
I-77; I-277; I-20; I-	26; US Hwy32	21; S.R3;	S.R70; US Hwy64	_
13. Type Package or Cask Model No.:	14. Type Containe	r in Cask	15. Package or Cask Spec.:	•
55-Gal. Drum	N/A		Strong Tight	
16. Complete Waste Description				•
a. Mixture of sla				
b. Metallurgical	Samples			
17. Physical & Chemical Form	18. Total No	o. of 1 19	Prominent Radionuclides	
a. Solid/Metal Oxide	Package		Uranium 238	
b. Solids/slag, ore, fer	roalloys 2	20	Thorium 232	
20. Total Curies -001954	21. Waste Class & A-Unstable	Stability	22. Total Cubic Feet:	
23. DOT Sub Type	24. DOT Class. & F	azard Class	25. Hwy. Route Controlled.	
LSA	אס אס אס .: Radi Material;LSA,N		(Large Quantity)	
	CERTIFIC	ATION		
correct to the best of my know provisions as required by Act tion and Disposal Act, and Dep	tal Control that th wledge; and that th No. 429 of 1980, t	e information se shipper/gene the South Carol	or to the South Carolina Depart- provided herein is complete and trator has complied with all the tina Radioactive Waste Transporta-	
Date 9/15/86		<u>nald J. Har</u>	nsen	
	Typed	Name	<i>i</i>	
	(?)-	20	11/2	
		ture of Consider	not's Authorized	
	. •	esentative	AUCHOTIZED	
	CONSIGNEE ACEN	OUT TO COMPANY		
This acknowledges to the South the above described radioactiv	Carolina Departme	nt of Health a	nd Environmental Control that	
Date of Delivery		ature of Consi resentative	gnee's Authorized	
	Туре	d or Printed N	ame and Title	
PEC 802 (Rev. 10/84)				

00021401

(Copies of this form may be reproduced locally as needed)

SCUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL Radioactive Waste Shipment Certification Form

General Instructions and Information: This is a two part form to be used by shippers and carriers of radioactive waste. The certifications contained herein satisfy the requirements of Section 13-7-150, of Act No. 499 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act. This certification along with a copy of the prior notification form shall company each shipment of radioactive waste into and within the State of South Carolina. The shipper is to complete his portion of the form and present it to the carrier as part of the shipping documents. Upon receipt, the carrier shall complete his portion of the form. Upon delivery of the shipment to the consignee, a copy of this certification form, and a copy of the Prior Notification and Manifest form with the consignee acknowledgement, shall be returned to the Department.

Part I: Shipper's Cer	rtificate of Compliance
1. Name of Shipper and Address:	2. Shipment Identification No.
Umetco Minerals Corp.	
137 47th Street	09-86-254-A
Niagra Falls, NY 14303	3. Transport Permit No.
Telephone No. (7/6) 286-4028	0226·31-86-X

In compliance with Act No. 499 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act, I hereby certify on behalf of the above-named shipper to the South Carolina Department of Health and Environmental Control that the above-named shipper has complied with all provisions of Act No. 499 of 1980, and all applicable laws and administrative rules and regulations, both State and Federal, regarding the packaging, transportation, storage, disposal and delivery of such wastes. I further certify that this shipment of radioactive waste has been inspected within 48 hours of the time of departure and that no items of non-compliance with applicable laws, rules or regulations were found.

Monda Hansen
er's Certification
2. Shipment Identification No.
3. Transport Trailer No.
3442
5. Estimated Date of Arrival of Shipment:
9-22-86

Certification is hereby made to the South Carolina Department, of Health and Environmental Control that: (a) the shipper has provided the carrier with a copy of the shipment manifest, the certificate of compliance, and the routing instructions; (b) the shipment of radioactive waste has been properly placarded for transport according to applicable U.S. Department of Transportation Regulations; (c) all shipping papers originated or reproduced by the carrier have been properly executed; (d) the transport vehicle has been inspected according to applicable State and Federal regulations within the prescribed intervals and that all safety and operational components are in good working order and meet the requirements of regulations; (e) all drivers who will operate the vehicle within the State of South Carolina are qualified to transport hazardous materials as specified by applicable U.S. Department of Transportation regulations; (f) the Department shall be immediately notified of any variance, occuring after departure, from the shipper's notification of primary routes in South Carolina and estimated date of arrival; (g) all applicable laws and administrative rules and regulations, both State and Federal, regarding the transportation of radioactive wastes will be complied with.

M. North Craft Driver M. Month Quitted or Printed Name and Title Signature

DHEC 803 (5/80)

(Copies of this form may be reproduced locally as needed)

BROKER'S TRAILER SURVEY

Initial Incoming Survey

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Instrument Used: £ 520 # 550
Date Galibrated: Due 12-5-86

BROKERS INVENTORY AND INSPECTION SURVEY OF PACKAGES

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Survey performed by: Lachilein	Shipment # 86-28-35
page one of one	
(CNBF-2)	

CNSI DRIVER'S INSTRUCTIONS FOR

EXCLUSIVE USE VEHICLES

Earnwell, S.C.

The Code of Federal Regulations, 49 CFR 173.425 (b)(9) requires that specific instructions for maintenance of exclusive use shipments controls be provided by the shipper to the carrier. These instructions must be included with the radioactive waste shipment document.

The following instructions shall be complied with for all exclusive use vehicles

Do not change out tractor before arrival at the radioactive burial site without notifying shipper.

Do not change the fifth wheel adjustment on the tractor without notify shipper.

Do not move or transfer packages within the van or between vans while enroute to burial site without notifying shipper.

The shipment must be loaded by consignor and unloaded by consignee from 0 the transport vehicle in which originally loaded.

Shipments must be braced so as to prevent leakage or shifting of load under conditions normally incident to transportation.

The vehicle must be placarded "RADIOACTIVE" on all four sides until shipment is unloaded.

If the vehicle is involved in an accident, or is required to make emergency braking which would shift the load and change radiation levels, notify the shipper immediately.

In the case of an accident, vehicle malfunction, or deviation from the above instructions immediately contact one of the following CNSI employees:

Mark Lewis	(803) 256-0450	office
	(803) 794-7726	home
Barnwell Security	(803) 259-1786	
Corporate HP/RSO	(803) 256-0450	

Any deviation from these instructions are violations of State and Federal laws and could result in carrier penalty.

9/19/86 Date

(CNBF-6)